

memorandum

DATE: December 30, 2002

REPLY TO
ATTN OF: Office of Environmental Policy and Guidance: Boulos: 6-1306

SUBJECT: Proposed Clean Air Act Rule Establishing National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines, for Review and Comment

TO: Distribution

The purpose of this memorandum is to solicit comments from Department of Energy (DOE) program offices and field organizations on the Environmental Protection Agency's (EPA's) notice of proposed rulemaking, "National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines." The proposed rule (67 FR 77829; December 19, 2002) is available at the Office of Environmental Policy and Guidance (EH-41) Home Page at: <http://www.eh.doe.gov/oepa/rules/67/67fr77829.pdf>. An EPA Fact Sheet on the proposed regulations is available at: http://www.epa.gov/ttn/oarpg/t3/fact_sheets/srice_fs.pdf.

In this proposed rule, the EPA is amending 40 CFR Part 63 by adding Subpart ZZZZ. This Subpart establishes national emission standards for hazardous air pollutants (NESHAP) for large stationary reciprocating internal combustion engines (RICE) with a manufacturer's nameplate rating above 500 brake horsepower, under the authority of Section 112(d) of the Clean Air Act. A RICE is any spark ignition or compression ignition reciprocating internal combustion engine. This Subpart also establishes requirements to demonstrate initial and continuous compliance with the emission and operating limitations.

This NESHAP is applicable to all large new or reconstructed stationary RICE, and to certain large existing spark ignition 4 stroke rich burn (4SRB) stationary RICE located at a major source of hazardous air pollutant (HAP) emissions.

Exceptions to the proposed rule include:

- (i) units that are existing spark ignition 2 stroke lean burn (2SLB), existing spark ignition 4 stroke lean burn (4SLB), or existing compression ignition (CI) stationary RICE;
- (ii) stationary RICE that are emergency power/limited use units*;
- (iii) stationary RICE that combust digester gas or landfill gas as the primary fuel*;

* Existing large 4SRB, and new or reconstructed large 4SRB, CI, 2SLB and 4SLB stationary RICE are, however, subject to initial notification requirements.

- (iv) stationary RICE that have a manufacturer's nameplate rating of less than or equal to 500 brake horsepower;
- (v) stationary RICE test cells/stands that are subject to Subpart P P P P P of 40 CFR Part 63; and
- (vi) existing, new, or reconstructed stationary RICE located at an area source of HAP emissions.

Please review this proposal and submit your comments by February 5, 2003, to Mr. Emile Boulos of my staff at: emile.boulos@eh.doe.gov; 202-586-1306. In developing comments, please indicate the specific page and section of the preamble and the proposed rule in the *Federal Register* to which each comment pertains. Also, to assist us in our regulatory tracking activities, we ask that you notify Mr. Boulos if a DOE source under your responsibility is subject to these regulations. Questions or concerns regarding this memorandum should be directed to Mr. Boulos.

A handwritten signature in black ink, appearing to read "Andy Lawrence". The signature is fluid and cursive, with the first name "Andy" and last name "Lawrence" clearly distinguishable.

Director
Office of Environmental Policy and Guidance